

FIG. 1A

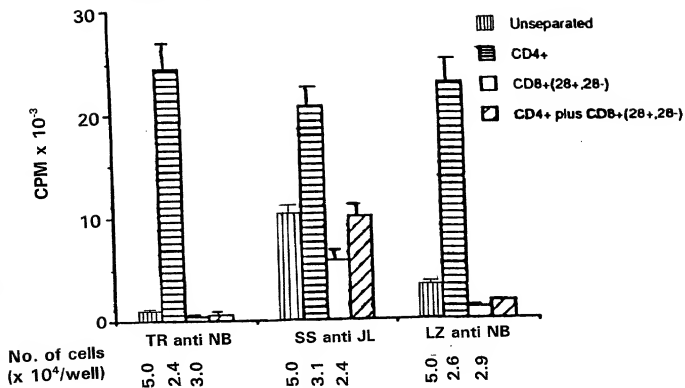


FIG. 1B

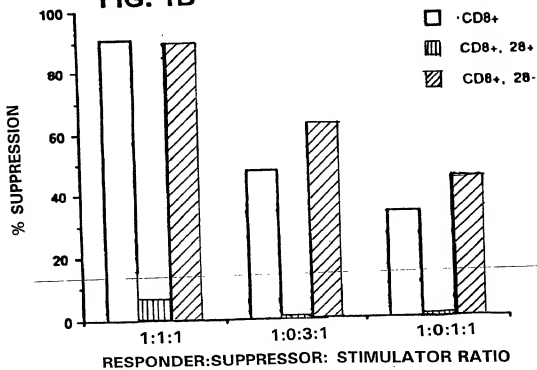


FIG. 1C

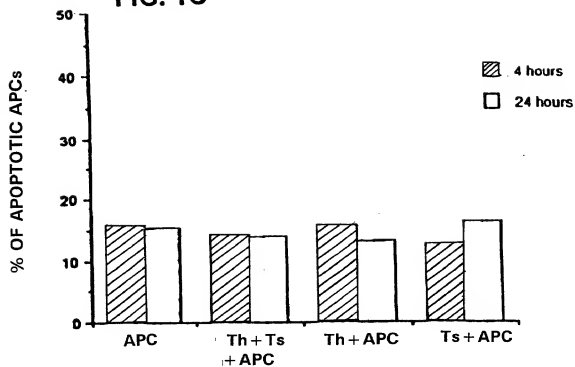


FIG. 1D

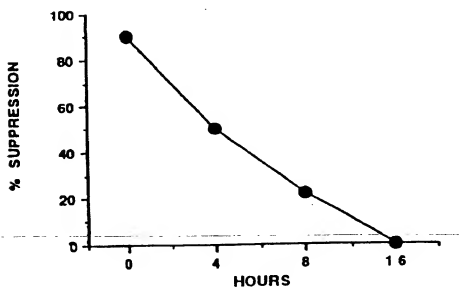


FIG. 2A

A

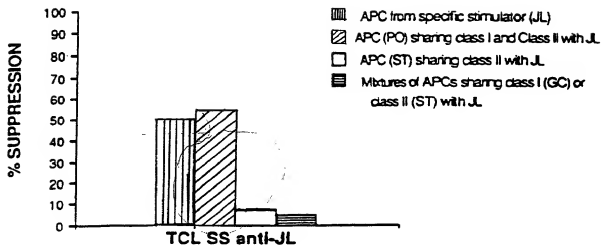


FIG. 2B

B

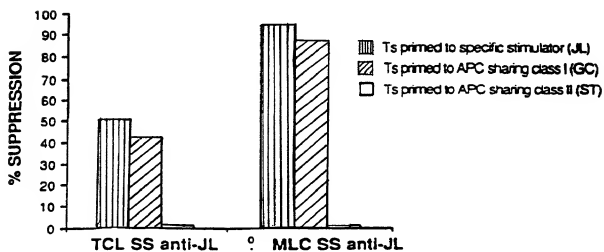
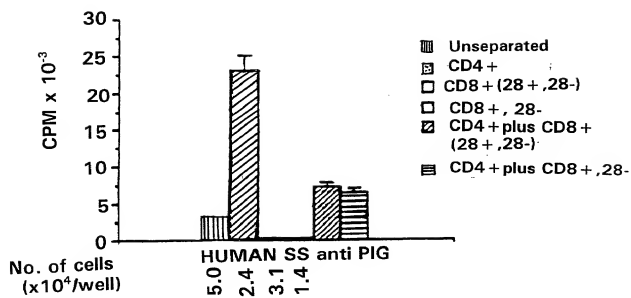


FIG. 3



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FIG. 4A

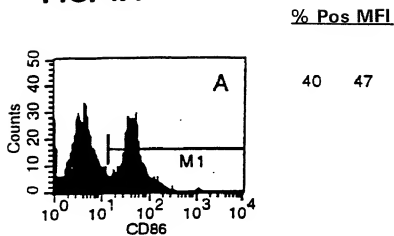


FIG. 4B

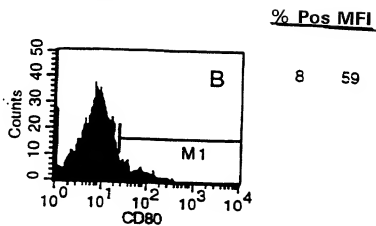


FIG. 4C

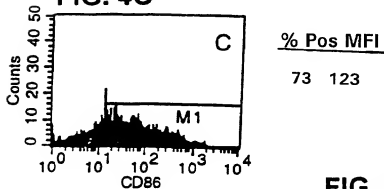
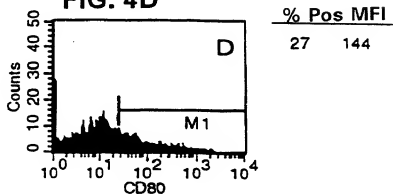
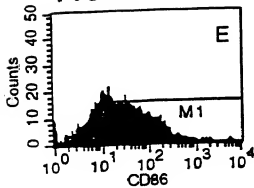


FIG. 4D



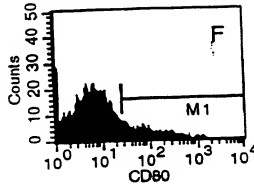
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FIG. 4E

% Pos MFI

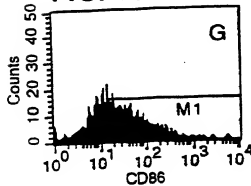
63 78

FIG. 4F

% Pos MFI

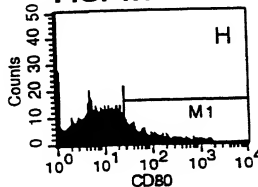
13 128

FIG. 4G

% Pos MFI

61 74

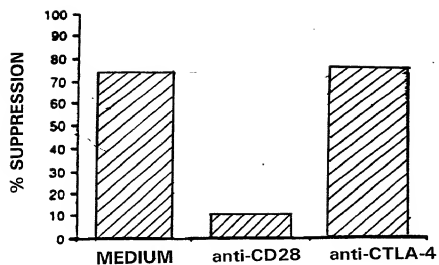
FIG. 4H

% Pos MFI

17 110

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FIG. 5



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FIG. 6A

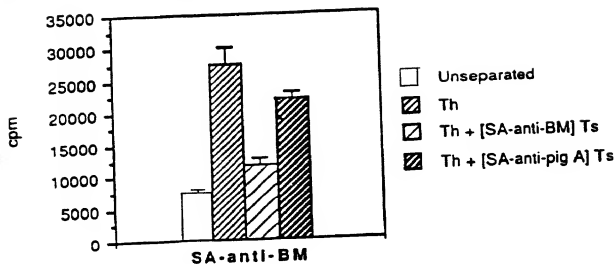
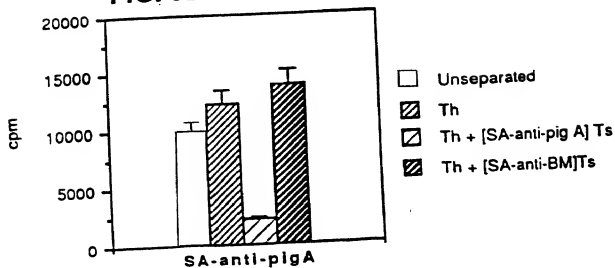


FIG. 6B



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FIG. 7A

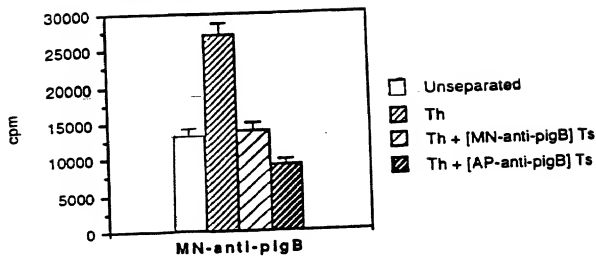
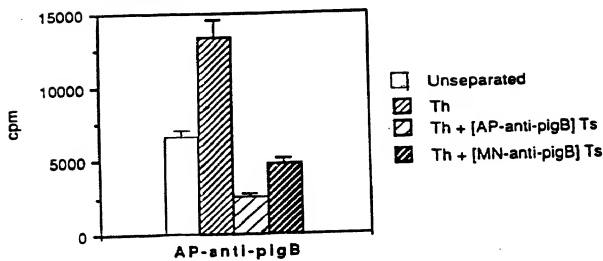


FIG. 7B



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FIG. 8A

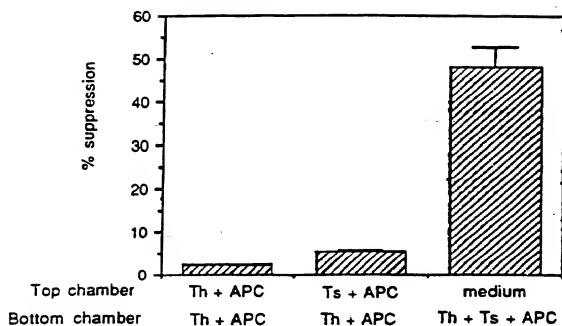
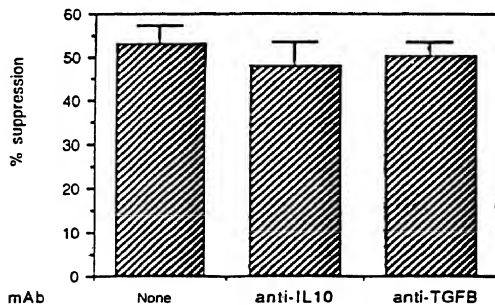


FIG. 8B



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T helper cells

FIG. 9A

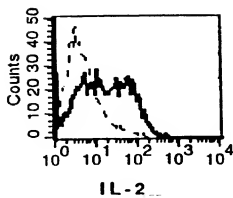


FIG. 9B

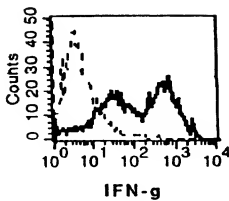


FIG. 9C

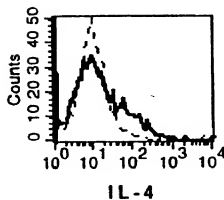
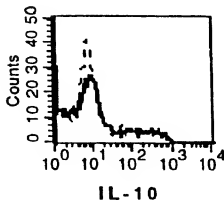


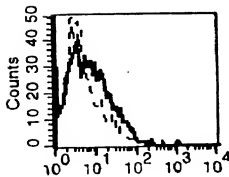
FIG. 9D



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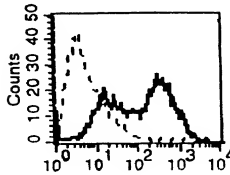
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T suppressor cells



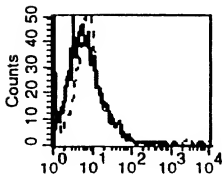
IL-2

FIG. 9E



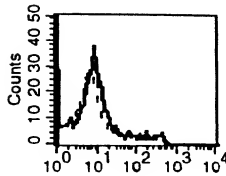
IFN-g

FIG. 9F



IL-4

FIG. 9G



IL-10

FIG. 9H

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FIG. 10A

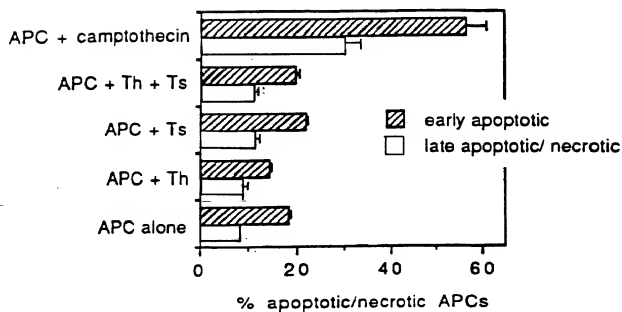
Effector/
Target

FIG. 10B

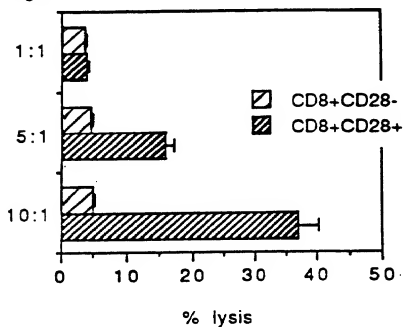
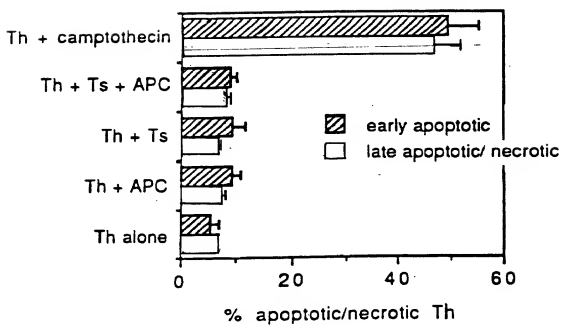


FIG. 10C



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FIG. 11A

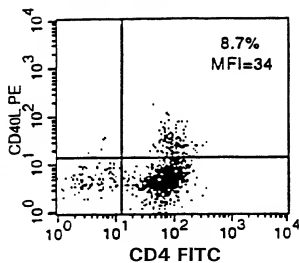


FIG. 11B

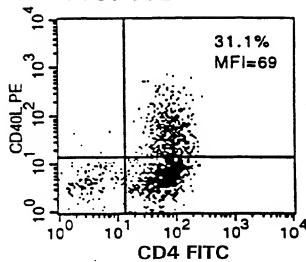


FIG. 11C

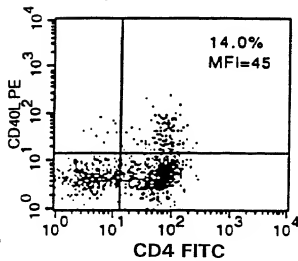
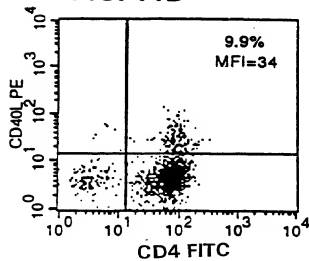
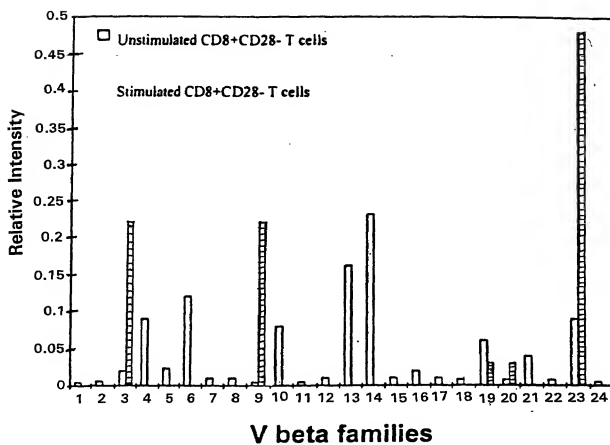


FIG. 11D



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FIG. 12



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FIG. 13A

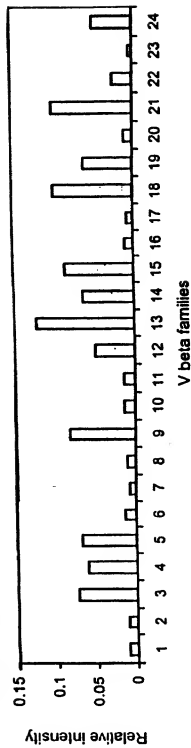
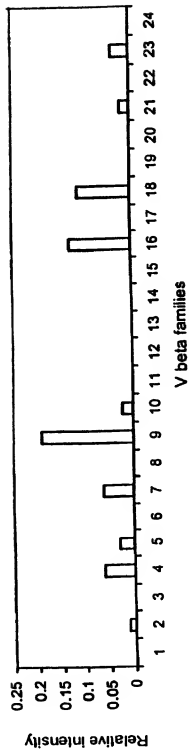


FIG. 13B



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FIG. 13C

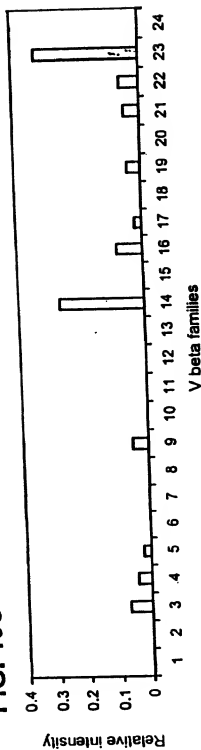
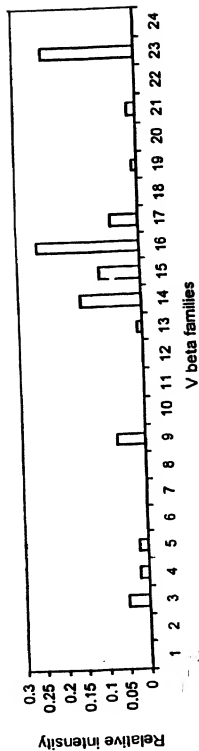


FIG. 13D



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FIG. 14A

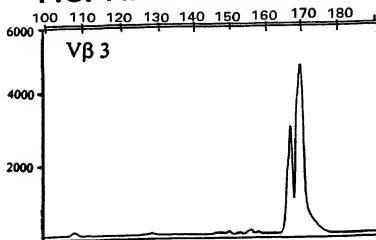


FIG. 14B

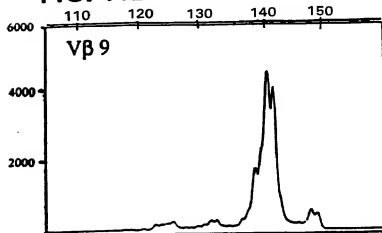
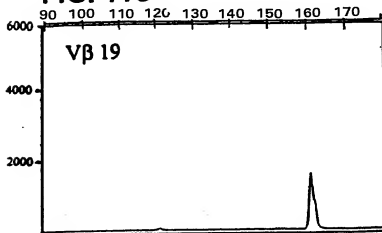


FIG. 14C



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FIG. 14D

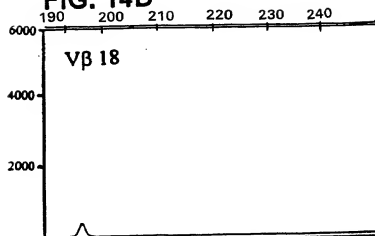


FIG. 14E

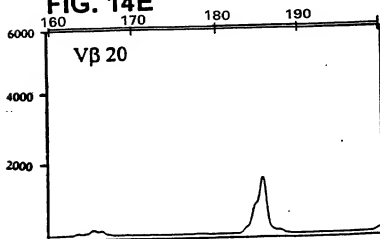
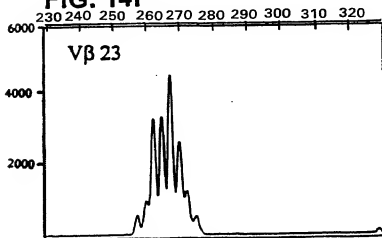


FIG. 14F



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FIG. 15A

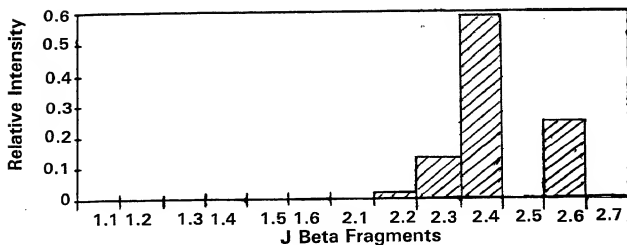


FIG. 15B

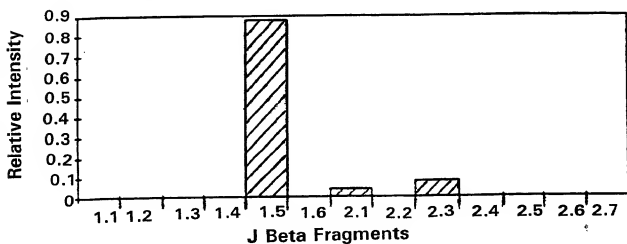
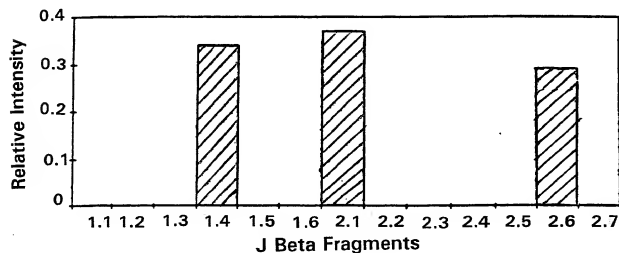


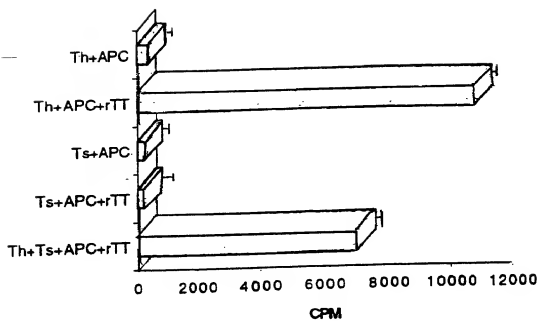
FIG. 15C



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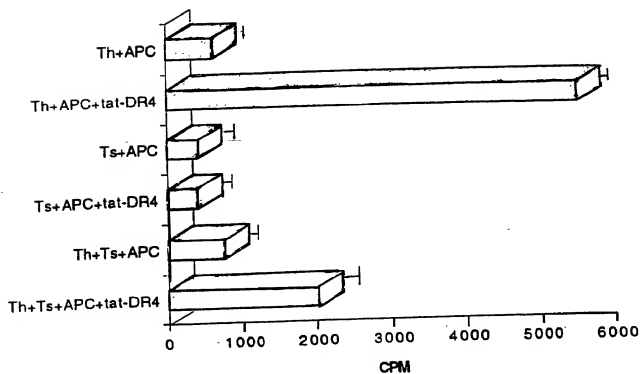
FIG. 16



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FIG. 17



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FIG. 18A

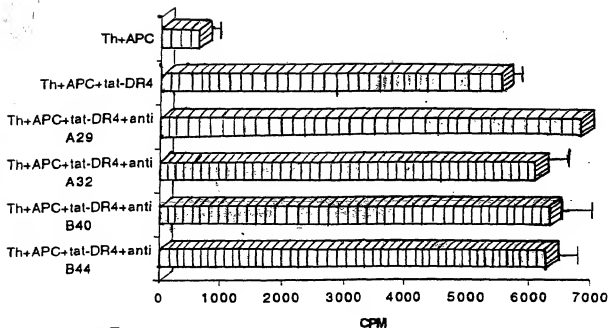
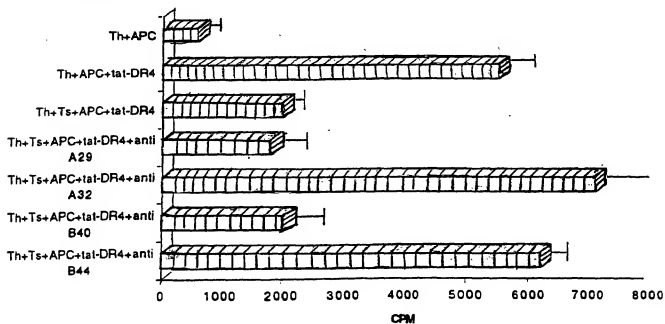


FIG. 18B



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FIG. 19A-1

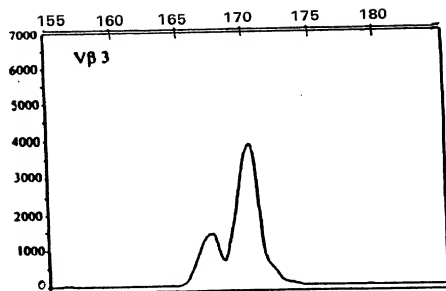


FIG. 19A-2

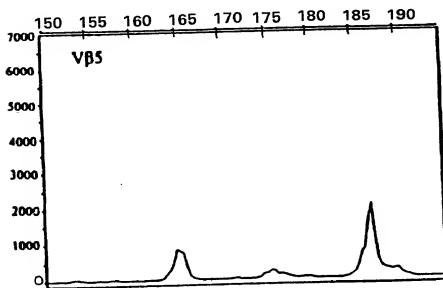
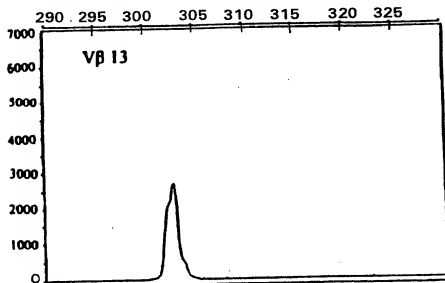


FIG. 19A-3



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FIG. 19A-4

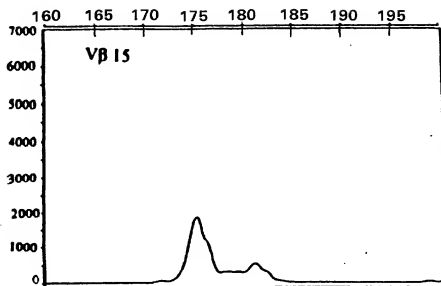
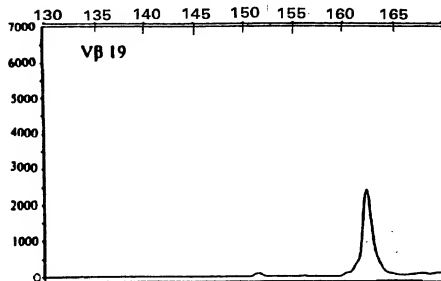


FIG. 19A-5



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FIG. 19B-1

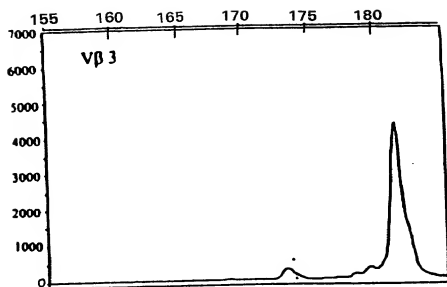


FIG. 19B-2

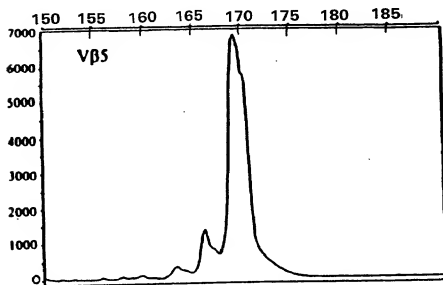
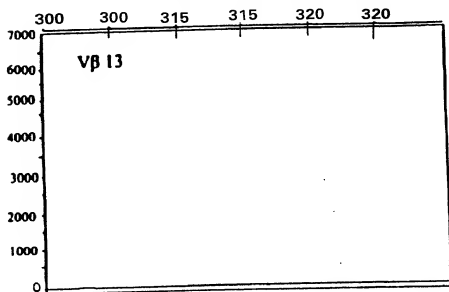


FIG. 19B-3



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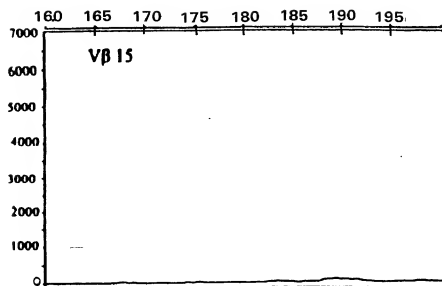


FIG. 19B-4

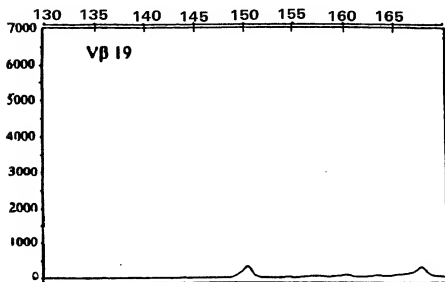


FIG. 19B-5

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FIG. 19C-1

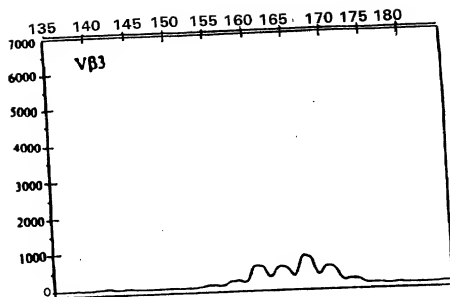


FIG. 19C-2

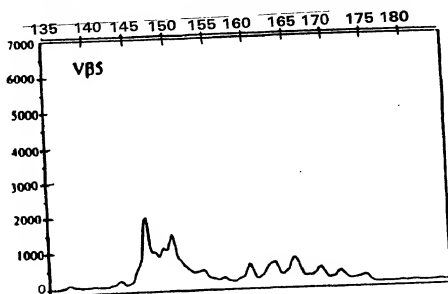
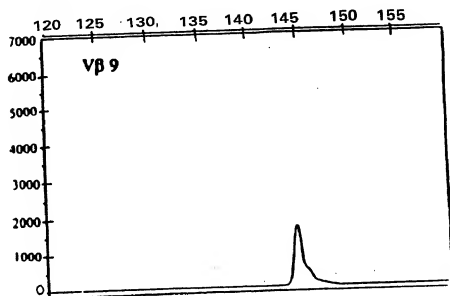


FIG. 19C-3



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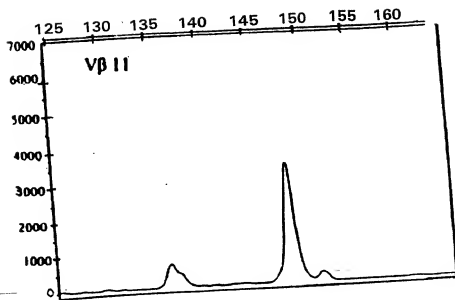


FIG. 19C-4

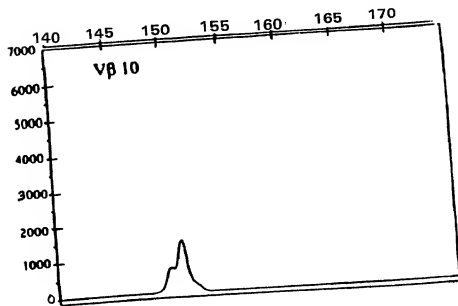


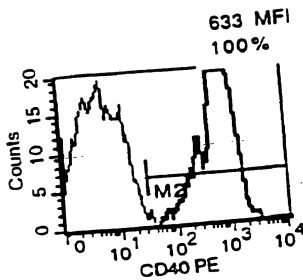
FIG. 19C-5

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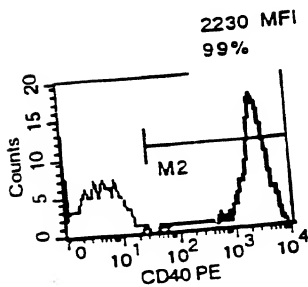
FIG. 20A

CD40



APC+tat-DR4

FIG. 20B



Th+APC+tat-DR4

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CD40

FIG. 20C

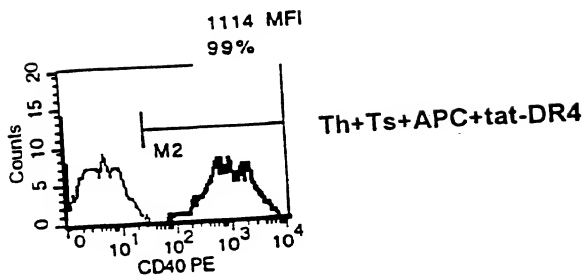


FIG. 20D

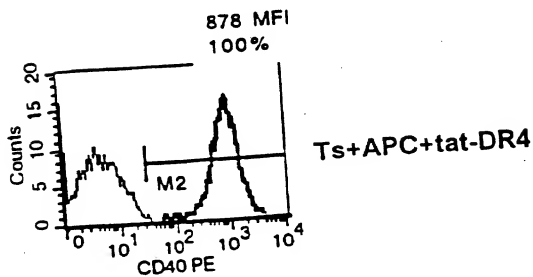


FIG. 20E

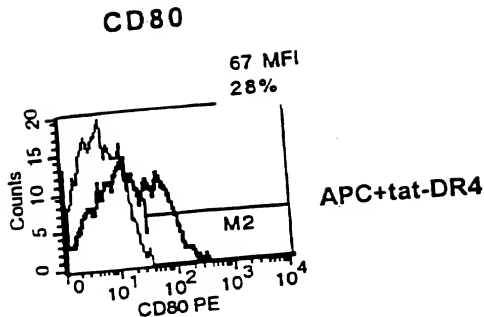
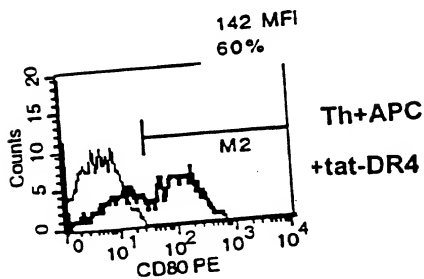


FIG. 20F



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CD80

FIG. 20G

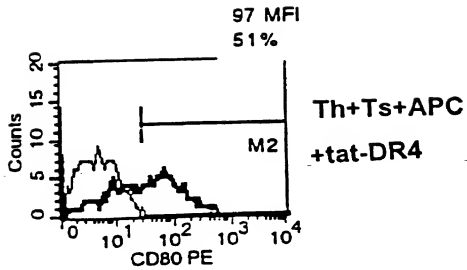
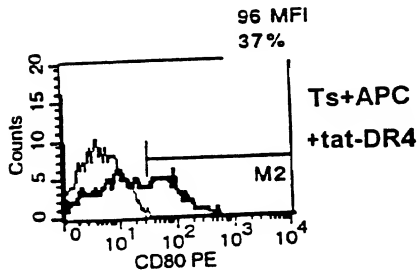
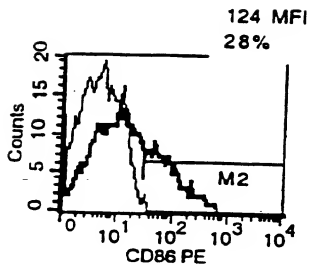


FIG. 20H



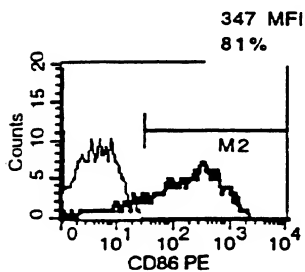
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CD86



APC+tat-DR4

FIG. 20I



Th+APC+tat-DR4

FIG. 20J

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CD86

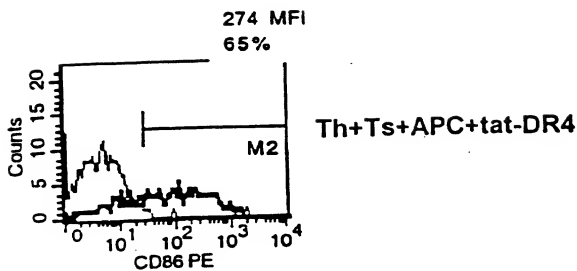


FIG. 20K

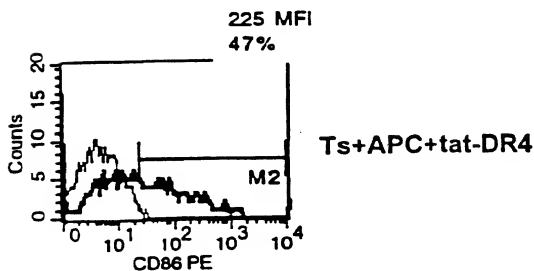


FIG. 20L

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FIG. 21A

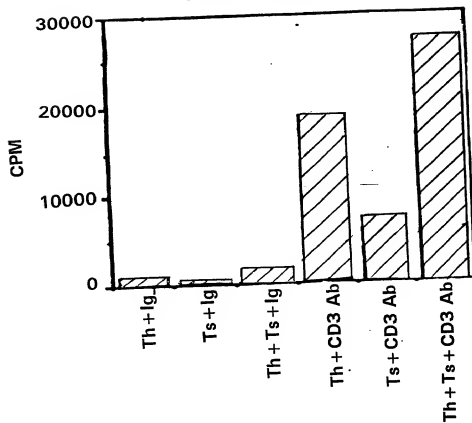


FIG. 21B

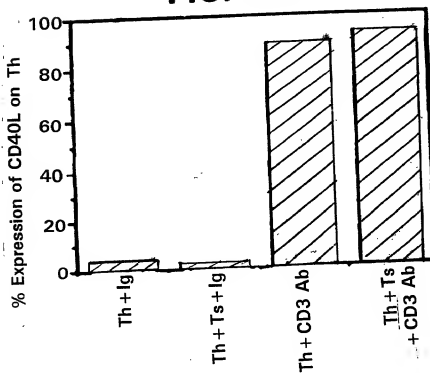


FIG. 21C

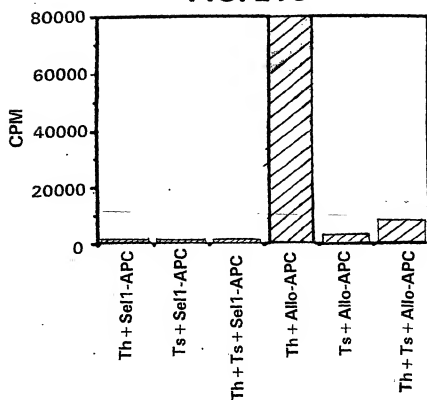
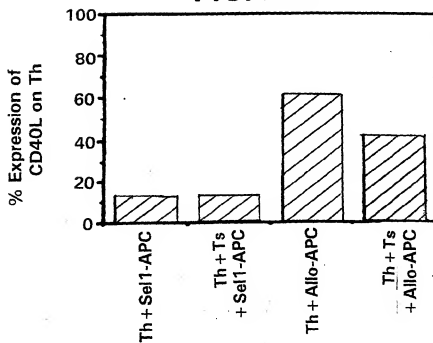
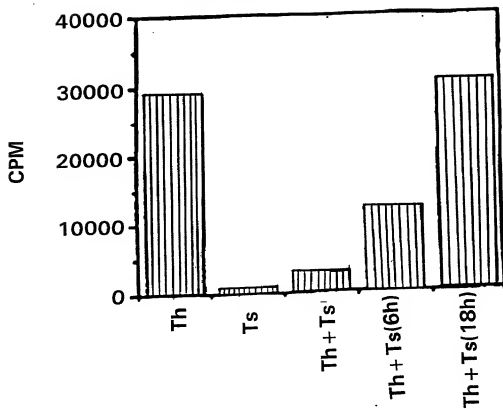


FIG. 21D



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FIG. 22



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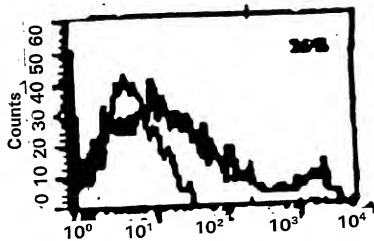


Fig. 23A-1
CD54

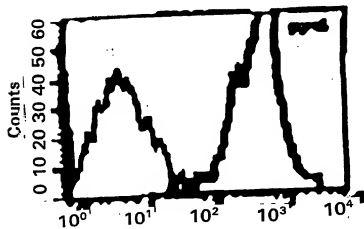


Fig. 23A-2
CD58

001221-11E94260

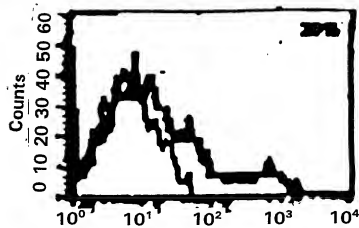


Fig. 23A-3
CD40

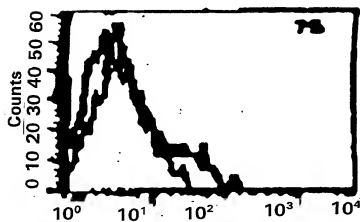


Fig. 23A-4
CD80

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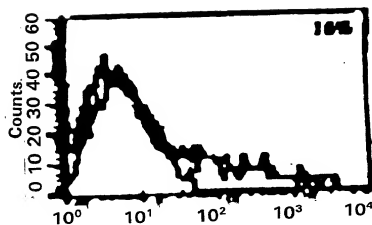


Fig. 23A-5
CD86

001221*11E94760

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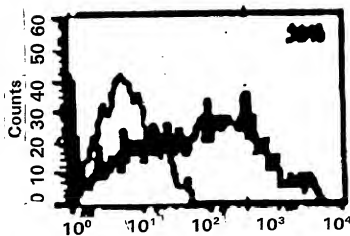


Fig. 23B-1
CD54

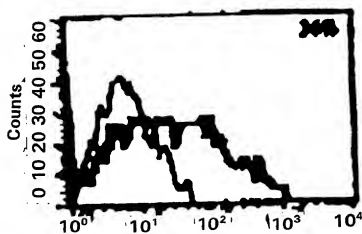


Fig. 23B-2
CD58

001221" RE94260

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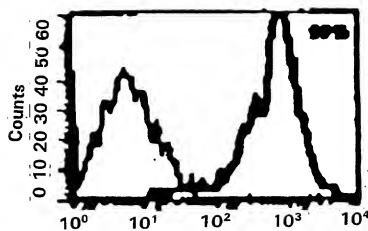


Fig. 23B-3
CD40

001221" 11254460

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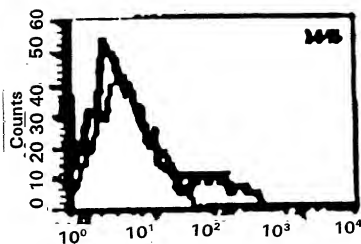


Fig. 23B-4

CD80

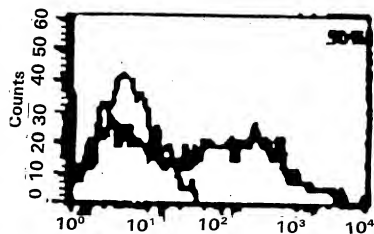


Fig. 23B-5

CD86

001221* 11E94260

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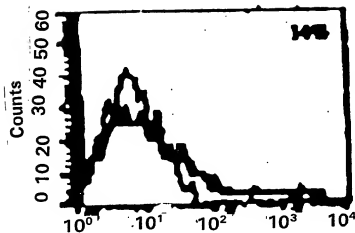


Fig. 23C-1
CD54

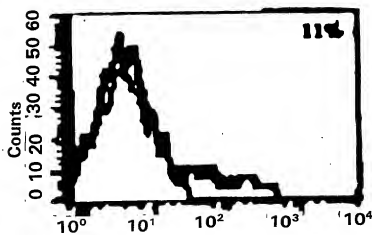


Fig. 23C-2
CD58

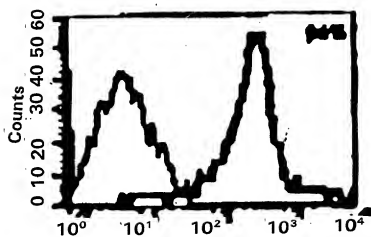


Fig. 23C-3
CD40

001221*1159h/60

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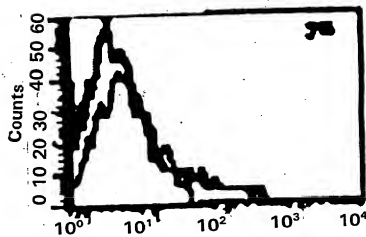


Fig. 23C-4
CD80

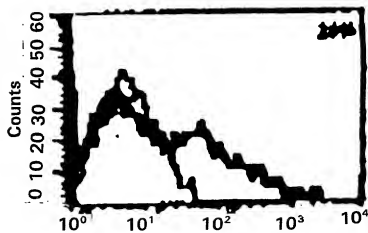


Fig. 23C-5
CD86

001221*11694260

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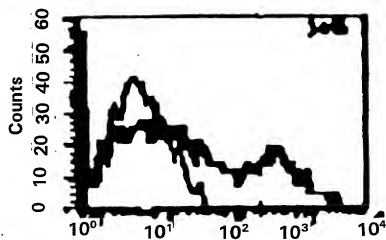


FIG. 23D-1
CD54

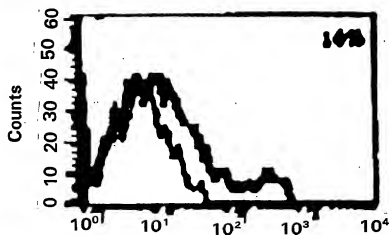


FIG. 23D-2
CD58

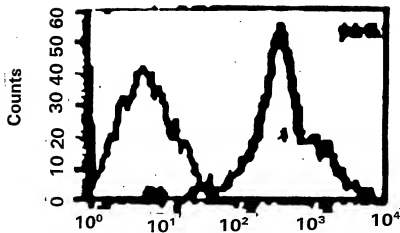


FIG. 23D-3
CD40

001221 11294260

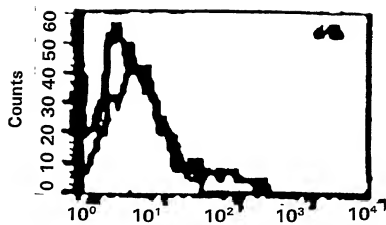


Fig. 23D-4
CD80

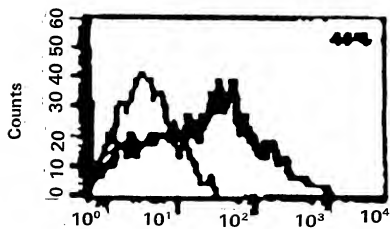


Fig. 23D-5
CD86

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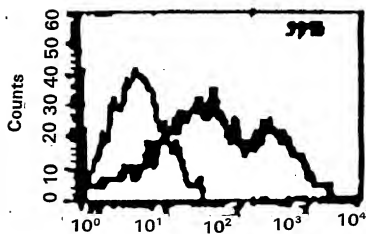


Fig. 23E-1
CD54

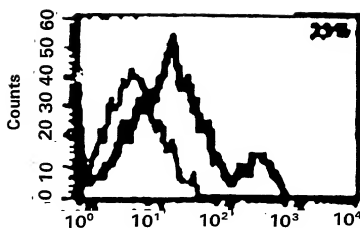


Fig. 23E-2
CD58

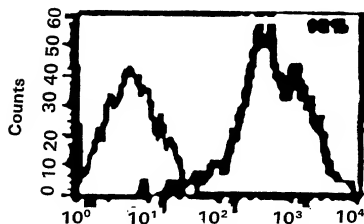


Fig. 23E-3
CD40

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CD80

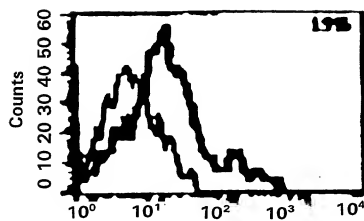


Fig. 23E-4

CD86

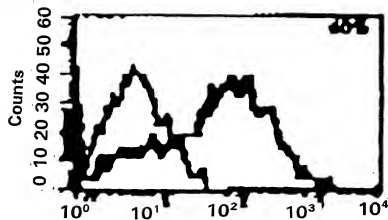


Fig. 23E-5

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FIG. 24

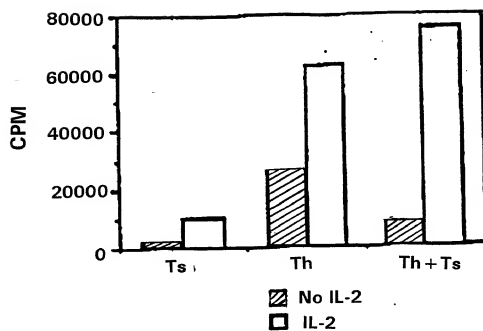
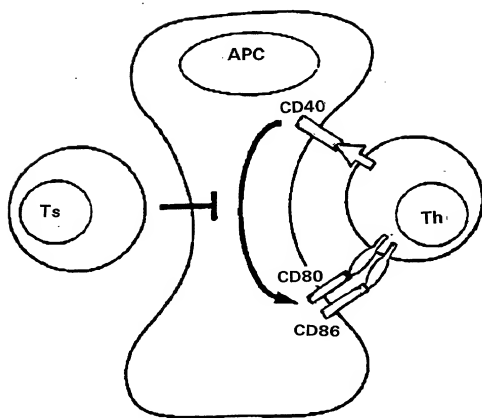


FIG. 25



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FIG. 26

HLA A, B and DR Antigen Values and Split Equivalences

A Locus	Equivalent	B Locus	Equivalent	DR Locus	Equivalent
1	1	5	5	1	1
2	2	7	7	2	2,15,18
3	3	8	8	3	3,17,18
4	4	12	12	4	4
5	5	13	13	5	5,11,12
10	10,66	14	14,54,55	6	6,13,14
11	11	15	15,75,76,77	7	7
19	19,74	16	16	8	8
23	23	17	17,58	9	9
24	24	18	18	10	10
25	25	21	21	11	11,5
26	26	22	22,54,55,56	12	12,5
28	28,58,59	27	27	13	13,6
29	29	35	35	14	14,8
30	30	37	37	15	15,2
31	31	38	38	16	16,2
32	32	39	39	17	17,3
33	33	40	40,61	18	18,3
34	34	41	41	51	51
36	36	42	42	52	52
43	43	44	44	53	53
66	66,10	45	45	* 103	103
68	68,23	46	46	* 1403	1403
69	69,23	47	47	* 1404	1404
74	74,19	48	48	** 98	98
80	80	49	49		
* 203	203	50	50		
* 210	210	51	51		
* 2403	2403	52	52		
* 98	98	53	53		
		54	54,22		
		55	55,22		
		56	56,22		
		57	57		
		58	58,17		
		59	59		
		60	60		
		61	61,40		
		62	62		
		63	63		
		64	64,14		
		65	65,14		
		67	67		
		70	70,71,72		
		71	71,70		
		72	72,70		
		73	73		
		75	75,15		
		76	76,15		
		77	77,15		
		* 703	703		
		* 3901	3901		
		* 3902	3902		
		* 4005	4005		
		* 5002	5102		
		* 5103	5103		
		* 7801	7801		
		* 8101	8101		
		** 98	98		

** Code 98 means not tested

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FIG. 27A

DRB Protein Sequences - 20th March 1998 - SGE Marsh ANRI

10 20 30 40 50 60 70 80 90 100

DRB1*0101
 GDTRPRFLWQLKFECHFFNGTERVLLERCITYNQEESVRFDSDVGEYRAVTELGRPDAEYWNSQK
 DLLEQRRAAVDITYCRHNYGVGESFTVQRRVEPKVTVY
 DRB1*01021 -----AV-----
 DRB1*01022 -----
 AV*-----
 DRB1*0103 -----I-DE-----
 DRB1*0104 -----N-----V-----
 DRB1*15011 -----P-R-----F-D-YF-----F-----I-A-----V-----Q-----
 -
 DRB1*15012 -----P-R-----F-D-YF-----F-----I-A-----V-----

 DRB1*15021 -----P-R-----F-D-YF-----F-----I-A-----Q-----
 -
 DRB1*15022 -----F-D-YF-----F-----I-A-----

 DRB1*15023 -----P-R-----F-D-YF-----F-----I-A-----

 DRB1*1503 -----P-R-----F-D-HF-----F-----I-A-----V-----Q-----

 DRB1*1504 -----P-R-----F-D-YF-----F-----F-A-----V-----

 DRB1*1505 -----P-R-----F-D-YF-----F-----A-----V-----

 DRB1*1506 -----P-R-----F-D-YF-----F-A-----I-A-----V-----

 DRB1*16011 -----P-R-----F-D-YF-----F-D-----Q-----
 -
 DRB1*16012 -----P-R-----F-D-YF-----F-D-----

 DRB1*16021 -----P-R-----F-D-YF-----D-----Q-----
 DRB1*16022 -----P-R-----F-D-YF-----D-----

 DRB1*1603 -----P-R-----F-D-YF-----F-D-A-----Q-----
 -
 DRB1*1604 -----P-R-----F-D-YF-----F-D-L-----

 DRB1*1605 -----P-R-----F-D-YF-----I-D-----

 DRB1*1607 -----P-R-----FPD-YF-----I-D-----

 DRB1*1608 -----P-R-----F-D-YF-----N-----F-D-----

 DRB1*03011 -----EYSTS-----Y-D-YFH-----N-----F-----K-GR-N-----V-----
 -H-----
 DRB1*03012 -----EYSTS-----Y-D-YFH-----N-----F-----K-GR-N-----V-----

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FIG 27B

DRB1*03021 —EYSTS—F—YFH—N—K-GR-N—
 H—
 DRB1*03022 —EYSTS—F—YFH—N—K-GR-N—
 H—**
 DRB1*0303 *****YSTS—F—YFH—N—K-GR-N—V—
 _*****
 DRB1*0304 *****EYSTS—Y-D-YFH—F—K-GR-N—V—

 DRB1*0305 *****EYSTS—Y-D-YFH—N—F—K-GR-N—
 _*****
 DRB1*0306 *****EYSTS—Y-D-YFH—N—K-GR-N—V—
 _*****
 DRB1*0307 —EYSTS—F-D-YFH—N—F—K-GR-N—V—
 -H—
 DRB1*0308 —EYSTS—Y-D-YFH—N—F—E—K-GR-N—V—
 -H—
 DRB1*0309 *****EYSTS—Y-D-YFH-R-N—F—K-GR-N—
 _*****
 DRB1*0310 —EYSTS—Y-D-YFH—N—F—A-H—K-GR-N—V—
 -H—
 DRB1*0311 *****EYSTS—Y-D-YFH—N—F—K-GQ-N—V—
 _*****
 DRB1*04011 —E-V-H—F-D-YF-H—Y—K—Y—
 E—
 DRB1*04012 *****E-V-H—F-D-YF-H—Y—K—

 DRB1*0402 —E-V-H—F-D-YF-H—Y—I-DE—V—

 DRB1*0403 —E-V-H—F-D-YF-H—Y—E—V—Y—
 E—
 DRB1*0404 —E-V-H—F-D-YF-H—Y—V—Y—
 E—
 DRB1*04051 —E-V-H—F-D-YF-H—Y—S—

 DRB1*04052 *****E-V-H—F-D-YF-H—Y—S—

 DRB1*0406 —E-V-H—F-D-YF-H—E—V—Y—
 E—
 DRB1*0407 —E-V-H—F-D-YF-H—Y—E—

 DRB1*0408 *****E-V-H—F-D-YF-H—Y—

 DRB1*0409 *****F-D-YF-H—Y—S—K—

 DRB1*0410 *****E-V-H—F-D-YF-H—Y—S—V—

 DRB1*0411 —E-V-H—F-D-YF-H—Y—S—E—V—Y—
 E—
 DRB1*0412 *****E-V-H—F-D-YF-H—Y—S—I-D-L—V—

 DRB1*0413 *****H—F-D-YF-H—Y—K—V—

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FIG. 27C

DRB1*0415 *****E-V-H-----F-D-YF-H-Y-----E-----F-D-----V-

 DRB1*0416 *****F-D-YF-H-Y-----Q-----K-----

 DRB1*0417 *****F-D-YF-H-Y-----S-----E-----

 DRB1*0418 *****F-D-YF-H-Y-----I-D-L-----V-----

 DRB1*0419 *****H-----F-D-YF-H-----

 DRB1*0420 *****F-D-YF-H-----E-----

 DRB1*0421 *****E-V-H-----F-D-YF-H-----K-----

 DRB1*0422 *****E-V-H-----F-D-YF-H-Y-----K-GR-N-----V-----

 DRB1*0423 *****E-V-H-----F-D-YF-H-Y-----V-R-----

 DRB1*0424 *****E-V-H-----F-D-YF-H-Y-----S-----R-----

 DRB1*0425 *****E-V-H-----F-D-YF-H-Y-----F-D-L-----V-----

 DRB1*0426 *****E-V-H-----F-D-YF-H-Y-----T-----K-----

 DRB1*0427 *****E-V-H-----F-D-YF-H-Y-----E-----AV-----

 DRB1*11011 -----EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----
 H-----
 DRB1*11012 -----EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----
 H-----
 DRB1*11013 *****EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----

 DRB1*1102 -----EYSTS-----F-D-YF-----Y-----F-----E-----I-DE-----V-----
 H-----
 DRB1*1103 -----EYSTS-----F-D-YF-----Y-----F-----E-----F-DE-----V-----
 H-----
 DRB1*11041 -----EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----V-----

 DRB1*11042 -----EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----V-----
 H-----
 DRB1*1105 *****EYSTG-----F-D-YF-----Y-----F-----E-----F-D-----

 DRB1*1106 *****EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----AV-----

 DRB1*1107 *****EYSTS-----F-D-YF-----Y-----F-----E-----K-GR-N-----V-----

 DRB1*11081 *****S-----F-D-YF-----Y-----F-----E-----D-----

 DRB1*11082 *****S-----F-D-YF-----Y-----F-----E-----D-----

 DRB1*1109 *****F-D-YFH-----N-----F-----E-----F-D-----

 DRB1*1110 *****F-D-YFH-----F-----F-----E-----F-D-----

FIG. 27D

DRB1*1111S-----F-D-YF-----Y-----F-----E-----F-DE-----

 DRB1*1112-----F-D-YF-----F-----F-----E-----F-D-----

 DRB1*1113 -----EYSTS-----F-D-YFH-----F-----F-----E-----R-----V-----

 DRB1*1114 -----EYSTS-----F-D-YF-----Y-----F-----E-----I-DE-----

 DRB1*1115 -----EYSTS-----F-D-YF-----DL-----F-----E-----F-D-----
 H-----
 DRB1*1116-EYSTS-----F-D-YFH-----N-----F-----E-----I-DE-----V-----

 DRB1*1117 -----EYSTS-----F-D-YFH-----F-----E-----R-E-----V-----
 H-----
 DRB1*1118-EYSTS-----F-D-YF-----Y-----F-----E-----I-D-----V-----

 DRB1*1119-EYSTS-----F-D-YF-----Y-----F-----E-----I-D-----

 DRB1*1120-EYSTS-----F-D-YFH-----N-----F-----E-----I-DE-----

 DRB1*1121-EYSTS-----F-D-YF-----Y-----F-----E-----I-DE-----AV-----

 DRB1*1122-E-V-H-----F-D-YF-----Y-----F-----E-----F-D-----

 DRB1*1123-EYSTS-----F-D-YF-----Y-----F-----E-----F-D-L-----

 DRB1*1124-EYSTS-----F-D-YF-----D-----F-----E-----F-D-----

 DRB1*1125-EYSTS-----F-D-YF-----Y-----F-----E-----F-D-L-----V-----

 DRB1*1126-EYSTS-----F-D-YF-----Y-----F-----E-----

 DRB1*1127-EYSTS-----F-D-YF-----Y-----F-----E-----F-D-----N-----

 DRB1*1128-EYSTS-----F-D-YF-----N-----F-----E-----F-D-----

 DRB1*1129-EYSTS-----F-D-YF-----F-----E-----F-D-----

 DRB1*1130-EL-S-----F-D-YF-----Y-----F-----E-----F-D-----

 DRB1*1131 -----EYSTS-----F-D-YF-----Y-----F-----E-H-----I-D-----
 H-----
 DRB1*1201 -----EYSTG-Y-----HFH-LL-----F-----V-S-----I-D-----AV-----
 -H-----
 DRB1*12021-EYSTG-Y-----HFH-LL-----F-----V-S-----F-D-----
 AV-----
 DRB1*12022-EYSTG-Y-----HFH-LL-----F-----V-S-----F-D-----AV-----

 DRB1*12032-EYSTG-Y-----HFH-LL-----F-----V-S-----I-D-----V-----

 DRB1*1204-EYSTG-Y-----HFH-LL-----F-----E-----I-D-----
 AV-----
 DRB1*1205-EYSTG-Y-----HFH-FL-----F-----V-S-----I-D-----AV-----

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Fig. 27E

DRB1*1301 —EYSTS—F-D-YFH—N—F—I-DE—V—
 H—
 DRB1*1302 —EYSTS—F-D-YFH—N—F—I-DE—
 H—
 DRB1*13031 —EYSTS—F-D-YF—Y—S—I-DK—
 H—*
 DRB1*13032 *****EYSTS—F-D-YF—Y—S—I-DK—

 DRB1*1304 —EYSTS—F-D-YF—Y—F—S—I-DE—V—
 H—*
 DRB1*1305 *****EYSTS—F-D-YFH—N—F—F-D—

 DRB1*1306 *****F-D-YFH—N—F—I-D—V—

 DRB1*13071 *****EYSTS—F-D-YF—Y—F-D—

 DRB1*1308 *****EYSTS—F-D-YFH—F—I-DE—V—

 DRB1*1309 *****EYSTS—F-D-YFH—N—F—I-A—V—

 DRB1*1310 *****EYSTS—F-D-YFH—N—F—I-DK—V—

 DRB1*1311 *****EYSTS—F-D-YF—Y—F—F-D—V—

 DRB1*1312 *****EYSTS—F-D-YF—Y—S—I-D—

 DRB1*1313 *****EYSTS—F-D-YF—Y—S—I-D-L—

 DRB1*1314 *****TS—F-D-YF—Y—F—F-D—

 DRB1*1315 *****EYSTS—F—YFH—N—F—I-DE—V—

 DRB1*1316 *****EYSTS—F-D-YFH—N—F—I-DE—D—

 DRB1*1317 —EYSTG—Y—F-D-YF—Y—F—I-DE—V—
 H—
 DRB1*1318 *****EYSTS—F-D-YFH—N—F—F-D-L—V—

 DRB1*1319 —EYSTS—F—YFH—F—I-DE—V—H—
 —
 DRB1*1320 *****EYSTS—F-D-YFH—N—F—DE—V—

 DRB1*1321 —EYSTS—F-D-YF—Y—F—S—F-D—H—
 —
 DRB1*1322 *****EYSTS—F-D-YF—Y—F—I-DE—V—

 DRB1*1323 *****EYSTS—F-D-YF—Y—F—I-DE—

 DRB1*1324 *****EYSTS—F-D-YF—Y—F—F-DE—V—

 DRB1*1325 *****EYSTS—F-D-YF—Y—F—D—

 DRB1*1326 *****EYSTS—F—YFH—N—F-D—

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Fig. 27F

DRB1*1327 *****EYSTS-----Y-D-YFH-N-----F-----I-DE-----V-----

 DRB1*1328 *****EYSTS-----F-D-YFH-N-----F-----I-DE-----R-V-----

 DRB1*1329 *****EYSTS-----F-D-YFH-N-----F-----DE-----

 DRB1*1330 *****EYSTS-----F-D-YF-Y-----F-----S-----I-D-----

 DRB1*1331 *****EYSTS-----F-D-YFH-N-----F-----V-----I-DE-----

 DRB1*1332 *****EYSTS-----F-D-YFH-N-----S-----I-DE-----V-----

 DRB1*1333 *****EYSTS-----F-D-YF-Y-----S-----I-DK-N-----

 DRB1*1401 -----EYSTS-----F-D-YFH-F-----A-H-----R-E-----V-----

 DRB1*1402 -----EYSTS-----F-YFH-N-----

 DRB1*1403 -----EYSTS-----F-YFH-N-----D-L-----

 DRB1*1404 *****EYSTG-Y-----F-D-YFH-F-----A-H-----R-E-----V-----

 DRB1*1405 *****EYSTS-Q-----F-D-YFH-F-----R-E-----V-----

 DRB1*1406 *****EYSTS-----F-YFH-N-----V-----

 DRB1*1407 *****EYSTS-----F-D-YFH-F-----A-H-----R-E-----

 DRB1*1408 *****EYSTS-----F-D-YFH-F-----H-----R-E-----V-----

 DRB1*1409 *****EYSTS-----F-D-YFH-N-----

 DRB1*1410 *****E-V-H-----F-D-YFH-F-----A-H-----R-E-----V-----

 DRB1*1411 *****EYSTG-Y-----F-D-YFH-F-----E-----R-E-----
 V*****
 DRB1*1412 *****S-----F-YFH-N-----D-L-----
 V*****
 DRB1*1413 *****EYSTS-----F-YFH-N-----S-----

 DRB1*1414 *****EYSTS-----F-D-YFH-F-----R-E-----

 DRB1*1415 *****STG-Y-----F-D-YFH-F-----F-D-L-----V-----

 DRB1*1416 *****EYSTS-----F-D-YFH-F-----A-H-----I-DE-----V-----

 DRB1*1417 *****EYSTS-----F-D-YFH-N-----F-----V-----

 DRB1*1418 *****EYSTS-----F-YFH-N-----R-E-----V-----

 DRB1*1419 -----EYSTS-----F-YFH-N-----K-----

 DRB1*1420 *****EYSTS-----F-YFH-F-----V-----

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FIG. 27G

DRB1*1421 *****EYSTS-----F-D-YFH-N-----F-----K-----V-

 DRB1*1422 *****EYSTS-----F-D-YFH-F-----A-H-----F-D-----

 DRB1*1423 *****EYSTS-----F-D-YFH-F-----R-E-----V-----

 DRB1*1424 *****EYSTS-----F-YFH-N-----I-A-----
 H-----
 DRB1*1425 *****EYSTS-----F-D-YF-Y-----A-H-----F-D-----

 DRB1*1426 *****EYSTS-----QF-D-YFH-F-----A-H-----R-E-----V-----
 -*****
 DRB1*1427 *****EYSTS-----F-YFH-N-----F-D-L-----

 DRB1*1428 *****EYSTG-Y-----F-D-YFH-F-----A-H-----R-E-----
 AV*****
 DRB1*1429 *****EYSTS-----F-YFH-N-----AV-----

 DRB1*1430 *****EYSTS-----F-D-YFH-N-----F-----

 DRB1*1431 *****EYSTG-Y-----F-D-YFH-F-----A-H-----R-----V-----

 DRB1*0701 Q-G-YK-QF-LF-F-----V-S-I-D-GQ-V-----
 H-E-----
 DRB1*0703 *****G-YK-QF-SLF-F-----V-S-I-D-GQ-V-----

 DRB1*0801 EYSTG-Y-----F-D-YF-Y-----S-----F-D-L-----

 DRB1*08021 EYSTG-Y-----F-D-YF-Y-----F-D-L-----
 H-----
 DRB1*08022 *****EYSTG-Y-----F-D-YF-Y-----F-D-L-----
 -H-----
 DRB1*08032 EYSTG-Y-----F-D-YF-Y-----S-----I-D-L-----
 H-----
 DRB1*08041 EYSTG-Y-----F-D-YF-Y-----F-D-L-----V-----
 H-----
 DRB1*08042 *****F-D-YF-Y-----F-D-L-----V-----
 -*****
 DRB1*08043 *****EYSTG-Y-----F-D-YF-Y-----F-D-L-----V-----
 -*****
 DRB1*0805 *****EYSTG-Y-----F-D-YF-Y-----S-----F-D-----

 DRB1*0806 *****EYSTG-Y-----F-D-YF-Y-----S-----F-D-L-----V-----
 -*****
 DRB1*0807 *****EYSTG-Y-----F-D-YF-Y-----V-----F-D-L-----

 DRB1*0808 *****EYSTG-Y-----F-D-YF-Y-----A-H-----F-D-L-----

 DRB1*0809 *****Y-----F-D-YFH-F-----F-D-L-----

 DRB1*0810 *****EYSTG-Y-----F-D-YF-Y-----S-----I-D-L-----V-----
 -*****
 DRB1*0811 *****EYSTG-Y-----F-D-YF-Y-----A-----F-D-L-----

FIG. 27H

DRB1*0812 *****-EYSTG-Y-----F-D-YF---Y-----S-----I-D-L-----AV---

 DRB1*0813 *****-EYSTG-Y-----F-D-YF---Y-----D-L-----

 DRB1*0814 *****-EYSRG-Y-----F-D-YF---Y-----S-----I-D-L-----

 DRB1*0815 *****-EYSTG-Y-----F-D-YF---Y-----H-----I-D-L-----

 DRB1*0816 *****-EYSTG-Y-----F-D-YF---D-----S-----F-D-L-----

 DRB1*0817 *****-EYSTG-Y-----F-D-YF---Y-----F-----F-D-L-----

 DRB1*0818 *****-EYSTG-Y-----F-D-YF---Y-----S-----I-D-----

 DRB1*0819 *****-EYSTG-Y-----F-D-YF---Y-----I-----I-D-L-----

 DRB1*09012 -Q-K-D-----Y-H-G-----N-----V-S-----F-R-E-V-----
 H-E-----
 DRB1*1001 -----EEV-----RVH---YA-Y-----R-----Q-----

HLA-II

SLA-II

HLA-III

SLA-III

HLA-I

SLA-I

Legend:

- Class I genes
- Class II genes
- Class III genes
- Class IV genes
- Class V genes
- Class VI genes
- Class VII genes
- Class VIII genes
- Class IX genes
- Class X genes
- Class XI genes
- Class XII genes
- Class XIII genes
- Class XIV genes
- Class XV genes
- Class XVI genes
- Class XVII genes
- Class XVIII genes
- Class XIX genes
- Class XX genes
- Class XXI genes
- Class XXII genes
- Class XXIII genes
- Class XXIV genes
- Class XXV genes
- Class XXVI genes
- Class XXVII genes
- Class XXVIII genes
- Class XXIX genes
- Class XXX genes

1975
1976
1977

FIG. 29

	1					50
Sladra-0102	-----	-----	-----	-----	-----	-----
Sladra-0202	-----	-----	-----	-----	-----	-----
Sladra-0203	-----	-----	-----	-----	-----	-----
Sladra-0101	-----	-----	-----	-----	-----	-----
Sladra-02011	-----	-----	-----	-----	-----	-----
Sladra-02012	-----	-----	-----	-----	-----	-----
Consensus	VENHVIIQAE	FYLSFDKSGE	FMFDFOGDEI	FRVDM EKRET	VWRLEEF GHF	
	51					100
Sladra-0102	-----	-----	-----	-----	-----	-----
Sladra-0202	-----	-----	-m-	-----	-----	-----
Sladra-0203	-----	-----	-m-	-----	-----	-----
Sladra-0101	-----	-----	-----	-----	-----	-----
Sladra-02011	-----	-----	-m-	-----	-----	-----
Sladra-02012	-----	-----	-m-	-----	-----	-----
Consensus	ASFEAQGALA	NIAVOKANLE	ILIKRSNNTF	NTNVPPPEVTV	LSDRKVELGE	
	101					150
Sladra-0102	-----	-----	-----	-----	-----	-----
Sladra-0202	-----	-----	-----	-----	-----	-----
Sladra-0203	-----	-----	-----	-----	-----	-----
Sladra-0101	-----	-----	-----	-----	-----	-----
Sladra-02011	-----	-----	-----	-----	-----	-----
Sladra-02012	-----	-----	-----	-----	-----	-----
Consensus	PNILICFIDK	FSPFPVNVTV	LRNGSFVTRG	VSETVFLPRE	DHLFRKFHYL	
	151					200
Sladra-0102	-----	-----	-----	-r-	-----	-----
Sladra-0202	-----	-----	-----	-----	-----	-----
Sladra-0203	-----	-----	-----	-----	-----	-----
Sladra-0101	-----	-----	-----	-----	-----	-----
Sladra-02011	-----	-----	-----	-----	-----	-----
Sladra-02012	-----	-----	-----	-----	-----	-----
Consensus	PFMSTEDVY	DCQVEHWGLD	KPLLKEWEFE	AQTPLPETTE	NTVCALGLIV	
	201					228
Sladra-0102	-----	-----	-----	-----	-----	-----
Sladra-0202	-----	-----	-h-	-----	-----	-----
Sladra-0203	-----	-----	-h-	-----	-----	-----
Sladra-0101	-----	-----	-----	-----	-----	-----
Sladra-02011	-----	-----	-----	-----	-----	-----
Sladra-02012	-----	-----	-----	-----	-----	-----
Consensus	ALVGIIVGTV	LIKGVRKGN	ATERRGPL			

Group 01 has a leucine at residue 72 and Group 02 has a methionine.
No other polymorphisms have been found in the alpha 1 domain.

Amino Acid Sequences of SLA DRA Alleles

65/73

FIG. 30

	1	2A	4A	50
Sladrb-T	--iaq--ffm	g-s-----	-----y-qky	l-----1--f--
Sladrb-N	-----f-	g-a-----	-----d-y	f-----d-y-----f-e
Sladrb-M	-----f-	g-----	-q-----	-----y-----
Sladrb-Z	-----y-	-----	-----y-	-----l-----
Sladrb-AD	-----	-----	-----q-n	c-----y-----
Sladrb-C	--i-----q	-----	-----l-d-y	f-----f-----
Sladrb-WX	-----v-h-r	-----	-----y-lky	l-----1-----e
Sladrb-Y	--i-----ffm	g-s-----	-----	-----
Consensus	RDTPPHFLHL	LKFECHFFNG	TERVRLLEQ	YYNGEEFVRF
				DSDVGEYRAV
	51	6A	8A	100
Sladrb-T	-----	-----m-	k-v-----	-----
Sladrb-N	--f-----	fm-----	k-----v-----	e-e-----r-
Sladrb-M	-----n	y-----	-----ts-----	-----r-
Sladrb-Z	-----v-d	-----	-----ts-----	-----r-
Sladrb-AD	-----d	-----	-----	-----
Sladrb-C	-----r	-----a-----	-----	-----
Sladrb-WX	-----i-d	s-s-----i	-----	-----
Sladrb-Y	-----	-ek-----	gvs-s-----	-----
Consensus	TELGRPDAKY	WNSQKDLLEQ	RRAEVDITYCR	HNYRILDTFL
				VPRAEPTVT
	101			150
Sladrb-T	-----	-----	-----	-----
Sladrb-N	-----	-----	-----	-----
Sladrb-M	-----	-----	-----	-----
Sladrb-Z	-----	-----	-----	-----
Sladrb-AD	-----	-----	-----	-----
Sladrb-C	-----	-----	-----	-----
Sladrb-WX	-----	-----	-----	-----
Sladrb-Y	-----	-----	-----	-----
Consensus	VYPARTQPLQ	HHNLLVCSVT	GFYPGHVEVR	WFRNGQEEAA
				GVVSTGLIFN
	151			200
Sladrb-T	-----	-----	-----	-----
Sladrb-N	-----	-----	-----t-----	-----
Sladrb-M	-----	-----	-----	-----
Sladrb-Z	-----	-----	-----	-----
Sladrb-AD	-----	-----	-----	-----
Sladrb-C	-----	-----	-----	-----
Sladrb-WX	-----	-----	-----	-----
Sladrb-Y	-----	-----	-----	-----
Consensus	GDWTFQTMVM	LETVPQSGEV	YSCRVEHPSL	TSPFVVEWRA
				RSESAQGKRM
	201		237	
Sladrb-T	--v-----	-----	-----	-----
Sladrb-N	-----	-----	-----	-----
Sladrb-M	-----	-----	-----	-----
Sladrb-Z	--v-----	-----	-----	-----
Sladrb-AD	-----	-----	-----	-----
Sladrb-C	--v-----	-----	-----	-----
Sladrb-WX	-----	-----	-----	-----
Sladrb-Y	--v-----	-----	-----	-----
Consensus	SGIGGFVLGL	LFVAVGLFIY	FTNQKGRPAL	QPTGLLS

Amino Acid Sequence of SLA-DRB Alleles

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FIG. 31

	1				50
Sladqa-02021	-----	-----	-----	-----g	-----
Sladqa-02022	-----	-----	-----	-----g	-----
Sladqa-02023	-----	-----	-----	-----	-----
Sladqa-0201	-----	-----	-r-----	-q-----	-r-----
Sladqa-0101	-----	-----	-r-f-----	-q-----	-r-----
Sladqa-0103	-----	-----	-----f-----	-----	-r-----
Sladqa-0102	-----	-----	-----	-----	-----
Consensus	EDIAADHVAS	YGLNVYQSYG	PSGYYTHEFD	GDEEFYVDLE	RKETVWQLPL
	51				100
Sladqa-02021	-----r-----	-----	-----	-----	-----
Sladqa-02022	-----r-----	-----	-----	-----	-----
Sladqa-02023	-----r-----	-----	-----	-----	-----
Sladqa-0201	-----	-----	-----	-----	-----
Sladqa-0101	-----e-----	-----l-----	-----vt-----	-----k-----	-----s-----
Sladqa-0103	-----e-----	-----l-----	-----vt-----	-----k-----	-----s-----
Sladqa-0102	-----e-----	-----l-----	-----vt-----	-----	-----
Consensus	FSKITSFDPQ	GALRNIATAK	HNLNLIKRS	NNTAAVNQVP	EVTVFPKSPV
	101				150
Sladqa-02021	-----	-----	-----	-----	-----
Sladqa-02022	-----	-----	-----	-----	-----
Sladqa-02023	-----	-----	-----	-----	-----
Sladqa-0201	-----i-----	-----s-----	-----	-----k-----	-----
Sladqa-0101	-----i-----	-----s-----	-----	-----k-----	-----
Sladqa-0103	-----i-----	-----s-----	-----	-----k-----	-----
Sladqa-0102	-----i-----	-----s-----	-----	-----	-----
Consensus	MLGQPNTLIC	HVDNIFPPVI	NITWLKNGHS	VTEGFSETSF	LSKNDHSFLK
	151				200
Sladqa-02021	-----	-----	-----	-----	-----
Sladqa-02022	-----	-----	-----	-----	-----
Sladqa-02023	-----	-----	-----	-----	-----
Sladqa-0201	-----	-----	-----	-----	-----
Sladqa-0101	-----	-----	-----	-----	-----
Sladqa-0103	-----	-----	-----	-----	-----
Sladqa-0102	-----	-----	-----	-----	-----
Consensus	ISYLTFLPSD	DDFYDCKVEH	WGLDKPLLRH	WEPEIPAPMS	ELTETVVCAL
	201			232	
Sladqa-02021	-----	-----	-----	-----	-----
Sladqa-02022	-----	-----	-----	-----	-----
Sladqa-02023	-----	-----	-----	-----	-----
Sladqa-0201	-----	-----	-----	-----	-----
Sladqa-0101	-----	-----	-----	-----	-----
Sladqa-0103	-----	-----	-----	-----	-----
Sladqa-0102	-----	-----	-----	-----	-----
Consensus	GLIVGLVGIV	VGTVFIIQGL	RSGGFSRHQG	SL	

Group 01 is 231 amino acids (deletion at 132) and Group 02 is 232 amino acids

Amino Acid Sequences of SLA-DQA Alleles

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FIG. 32

	1				50
Sladqb-D	-----v-----g-----y-----ws-d-----fl-----m-y-----				
Sladqb-D2	-----f-----g-----y-----ws-d-----fl-----m-y-----				
Sladqb-XA	-----g-----y-----g-----wv-----				
Sladqb-Z	-----y-----l-----wv-r-----				
Sladqb-W	-----l-t-----ya-----y-----				
Sladqb-T	-----llt-----n-----y-----				
Sladqb-Y	-----g-----h-t-----l-----				
Sladqb-C	-----f-----g-----y-----g-----				
Consensus	GRDSPQDFVY QKFECYFFN GTQVRV-VAR YIYNQEEHVR FDSVVGFEFRA				
	51				100
Sladqb-D	-----l-----ea-----				
Sladqb-D2	-----l-----ea-----				
Sladqb-XA	-----t-----v-----				
Sladqb-Z	-----e-----				
Sladqb-W	-----a-----s-----i-----t-----t-----				
Sladqb-T	-----f-----				
Sladqb-Y	-----e-----s-----s-----m-----v-----r-----				
Sladqb-C	VTPLGRPDAD YWNGQKDVLE QKRAELDTVC KHNYQIEEGT TLQRRVQPTV				
Consensus					
	101				150
Sladqb-D	-----				
Sladqb-D2	-----				
Sladqb-XA	-----				
Sladqb-Z	-----				
Sladqb-W	-----				
Sladqb-T	-----				
Sladqb-Y	-----				
Sladqb-C	TISFSKAEAL NHHNLLVCAV TDFYPSQVKV QWFRNGQEET AGVVSTPLIR				
Consensus					
	151				200
Sladqb-D	-----				
Sladqb-D2	-----				
Sladqb-XA	-----				
Sladqb-Z	-----				
Sladqb-W	-----				
Sladqb-T	-----				
Sladqb-Y	-----				
Sladqb-C	NGDWTYQVLV MLEMNLQRGD VYTCRVEHSS LQSPILVEWR AQESASQSKM				
Consensus					
	201		230		
Sladqb-D	-----				
Sladqb-D2	-----				
Sladqb-XA	-----				
Sladqb-Z	-----				
Sladqb-W	-----				
Sladqb-T	-----				
Sladqb-Y	-----				
Sladqb-C	LSGVGGFVLG LIFLGLGLFI RHRSQKGLVR				
Consensus					

Figure 33

Nucleotide and Amino Acid Sequences of ILT3

1 atgatccccacccttcacggctctgtcctgcctcgggctgagtctg
 M I P T F T A L L C L G L S L
 46 ggccccaggaccacatgcaggcagggccctcccaaacccacc
 G P R T H M Q A G P L P K P T
 91 ctctgggctgagccaggctctgtgatcagctgggggaactctgtg
 L W A E P G S V I S W G N S V
 136 accatctggtgtcaggggaccctggaggctcgggagtagcctctg
 T I W C Q G T L E A R E Y R L
 181 gataaagaggaaagcccagcaccctgggacagacagaacccactg
 D K E E S P A P W D R Q N P L
 226 gagcccaagacaaggccagattctccatcccatgacagag
 E P K N K A R F S I P S M T E
 271 gactatgcaggagagataaccgtgttactatcgcagccctgttaggc
 D Y A G R Y R C Y Y R S P V G
 316 tggtcacagccagtgacccctggagctggtgatgacaggagcc
 W S Q P S D P L E L V M T G A
 361 tacagtaaaccaccccttcagccctgcccagctcctctgtgacc
 Y S K P T L S A L P S P L V T
 406 tcaggaaagagcgtgacccctgtgtcagtcacggagcccaatg
 S G K S V T L L C Q S R S P M
 451 gacactttcctctctgatcaaggagcgggacagcccatccctactg
 D T F L L L I K E R A A H P L L
 496 catctgagatcagagcagcgagctcagcagcagccagctgaattc
 H L R S E H G A Q Q H Q A E F
 541 cccatgagctcgtgacctcagctgcaggggggacccacaggtgc
 P M S P V T S V H G G T Y R C
 586 ttacgtcacacaggctctcccatcactcgtcgcacacccagct
 F S S H G F S H Y L L S N P S
 631 gacccctggagctcatagttcaggatccttgagggtccagg
 D P L E L I V S G S L E G P R
 676 ccctcaccacaggtccgtctcaacagctgcaggccctgaggac
 P S P T R S V S T A A G P E D
 721 cagccctcatgcctcaggggtcagtcctccacagtggtctgaga
 Q P L M P T G S V P H S G L R
 766 aggcactgggaggtactgatcggggtcttggtggtctccatcctg
 R H W E V L I G V L V V S I L
 811 ctctctccctcctcctctctcctcctccaaactggcgtcag
 L L S L L L F L L L Q H W R Q
 856 ggaaacacagagcattggcccgagagcaggtgatttccaacgt
 G K H R T L A Q R Q A D F Q R
 901 cctccagggctgcgcagcagagcccaaggacggggcctacag
 P P G A A E P E P K D G G L Q
 946 aggaggtccagccagctgctgacgtccaggagaaaaacttctgt
 R R S S P A A D V Q G E N F C
 991 gctgccgtgaagaacacacagcctgaggacggggtggaaatggac
 A A V K N T Q P E D G V E M D
 1036 actcggagccacacgatgaagacccccaggcagtgacgtatgcc
 T R S P H D E D P Q A V T Y A
 1081 aaggtgaaacactccagacctaaggagagaatggcctctcctccc
 K V K H S R P R R E M A S P P
 1126 tccccactgtctggggaattcctggacacaaaggacagacaggca
 S P L S G E F L D T K D R Q A
 1171 gaagaggacagacagatggacactgaggctgctgcatctgaaaggc
 E E D R Q M D T E A A A S E A
 1216 cccagagatgtgacctacgccagctgcacagctttaccctcaga
 P Q D V T Y A Q L H S F T L R
 1261 cagaaggcaactgagcctcctccatccagggaaggggcctctcca
 Q K A T E P P S Q E G A S P
 1306 gctgagccagtgctgtatgccactcggccatccactaa 1344
 A E P S V Y A T L A I H

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Figure 34A

Nucleotide and Amino Acid Sequences of ILT4

1 atg acccccacgtcacagtcctgatctgtctcgggctgagtcgtg
 M T P I V T V L I C L G L S L
 46 ggccccaggagcccgctgcagacagggaccatccccaagccaccc
 G P R T R V Q T G T I P K P T
 91 ctgtgggctgagccagactctgtgatcaccaggggagtcctcgtc
 L W A E P D S V I T Q G S P V
 136 accctcagttgtcagggagccctgaagcccagagtagccgtcta
 T L S C Q G S L E A Q E Y R L
 181 tataggggagaaaaatcagcatcttgattacacggatcacgacca
 Y R E K K S A S W I T R I R P
 226 gagcttgtgaagaacggccagttccacatcccatccatcacctgg
 E L V K N G Q F H I P S I T W
 271 gaacacacagggcgatagtggtgtcagttattacagccgcgtcgg
 E H T G R Y G C Q Y Y S R A R
 316 tggctctgagctcagtgacccccctgggtgctggtgatgacaggagcc
 W S E L S D P L V L V M T G A
 361 taccacaaacccacccctctcagcccgccagccctgtggtgacc
 Y P K P T L S A Q P S P V V T
 406 tcaggaggaaagggtagcccttcagtgctgagtcacaggtggcattt
 S G G R V T L Q C E S Q V A F
 451 ggcggtctcattctgtgtaaggagaagatgaacccccacaa
 G G F I L C K E G E D E H P Q
 496 tgctgaactcccagccccatgcccgtgggtcgctcccgcccatc
 C L N S Q P H A R G S S R A I
 541 ttctccgtgggccccgtagcccgaaatcgaggtggtgcacagg
 F S V G P V S P N R R W S H R
 586 tgctatgggttatgacttgaactctccctatggtggtgtttcaccc
 C Y G Y D L N S P Y V W S S P
 631 agtgatctcctggagctcctgggtcccaggtgtttctaagaagcca
 S D L L E L L V P G V S K K P
 676 tcactctcagtgacggcggtcctgtgatggccccctgggaaagc
 S L S V Q P G P V M A P G E S
 721 ctgacctccagtggtgtctctgatgtcggtatgacagatttgtt
 L T L Q C V S D V G Y D R F V
 766 ctgtacaaggagggggaacgtgaccttcgcccagctccctggccgg
 L Y K E G E R D L R Q L P G R
 811 cagccccaggctgggctctcccaggccaacttcacctgggcccct
 Q P Q A G L S Q A N F T L G P
 856 gtgagccgctcctacgggggagcagatgactacggtgcacac
 V S R S Y G G Q Y R C Y G A H
 901 aaactctcctctgagtgctcggccccagcgacccctggacatc
 N L S S E C S A P S D P L D I
 946 ctgatcacaggacagatccgtggcacacccctcatctcagtgacg
 L I T G Q I R G T F F I S V Q
 991 ccaggccccacagtggtggcctcaggagagaaagtgacccctgctgtg
 P G P T V A S G E N V T L L C
 1036 cagtcagtggtggcagttccacactttcctctgaccaaaggcgga
 Q S W R Q F H T F L L T K A G
 1081 gcagctgatgccccactccgtctaagatcaatacgaatatcct
 A A D A P L R L R S I H E Y P
 1126 aagtaccaggctgaattccccatgagtcctgtgacctcagccac
 K Y Q A E F P M S P V T S A H
 1171 gcggggacctaagtgctacggctcactcaactccgacccctac
 A G T Y R C Y G S L N S D P Y

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Figure 34B

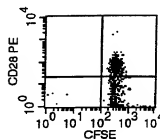
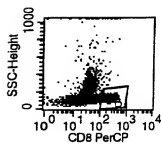
1216 ctgctgtctcacccagtgagccctggagctcggtgtctcagga
 L L S H P S E P L E L V V S G
 1261 ccctccatgggttcagccccccaccccggtcccatctccaca
 P S M G S S P P P T G P I S T
 1306 cctggccctgaggaccagccctcacccccactgggtcggtatccc
 P G P E D Q P L T P T G S D P
 1351 caaagtggctctgggaaggcacctgggggttgatcggtatcttg
 Q S G L G R H L G V V I G I L
 1396 gtggccgtcgtcctactgctcctcctcctcctcctcctcctcctc
 V A V V L L L L L L L L L F L
 1441 atcctccgacatcgacgtcagggcaaacactggacatcgacccag
 I L R H R R R Q G K H W T S T Q
 1486 agaaaggctgatttccaacatcctgcagggtgtggggccagag
 R K A D F Q H P A G A V G P E
 1531 cccacagacagaggcctgcagtggaggtccagcccagctgccgac
 P T D R G L Q W R S S P A A D
 1576 gccaggaagaaaacctctatgctgccgtgaaggacacacagcct
 A Q E E N L Y A A V K D T Q P
 1621 gaagatgggtggagatggacactcgggctgctgcatctgaagcc
 E D G V E M D T R A A A S E A
 1666 cccaggatgtgacctacgccagctgcacagcttgacctcaga
 P Q D V T Y A Q L H S L T L R
 1711 cggaaggcaactgagcctcctccatcccaggaaagggaaacctcca
 R K A T E P P P S Q E R E P P
 1756 gctgagcccagcatctacgccaccctggccatccactag 1794
 A E P S I Y A T L A I H *

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Figure 35

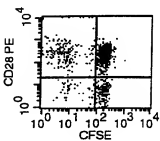
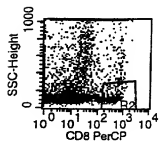
DAY 0



Gate: G1

Quad	Events	% Gated	X Mean
UL	0	0.00	***
UR	439	56.79	350.95
LL	4	0.52	2.80
LR	330	42.69	482.99

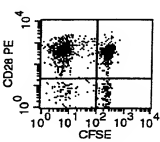
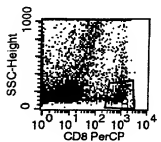
DAY 5



Gate: G2

Quad	Events	% Gated	X Mean
UL	214	13.70	14.01
UR	1134	72.60	202.84
LL	45	2.88	26.18
LR	169	10.82	190.79

DAY 7



Gate: G3

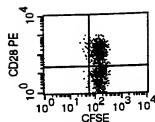
Quad	Events	% Gated	X Mean
UL	2290	38.33	9.23
UR	2973	49.77	273.42
LL	261	4.37	12.50
LR	450	7.53	242.13

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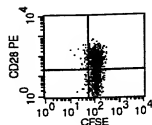
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Figure 36

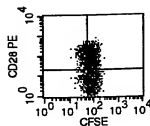
0 HR



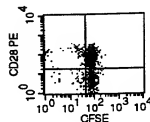
Quad	Events	% Gated	X Mean
UL	18	1.36	40.96
UR	737	55.62	143.24
LL	10	0.75	47.01
LR	560	42.26	151.29

48 HR
+APC

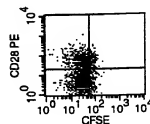
Quad	Events	% Gated	X Mean
UL	53	2.86	42.38
UR	1212	65.48	122.49
LL	23	1.24	41.38
LR	563	30.42	121.41

48 HR
+APC+IL2

Quad	Events	% Gated	X Mean
UL	645	19.00	39.93
UR	1382	40.72	95.07
LL	311	9.16	40.05
LR	1056	31.11	101.61

72 HR
+APC

Quad	Events	% Gated	X Mean
UL	114	9.19	27.62
UR	711	57.34	78.27
LL	57	4.60	24.32
LR	358	28.87	83.25

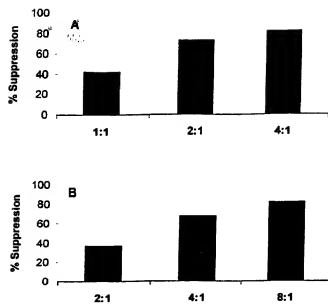
72 HR
+APC+IL2

Quad	Events	% Gated	X Mean
UL	2911	30.97	28.62
UR	717	7.63	76.38
LL	4965	52.83	29.50
LR	805	8.57	74.95

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Figure 37



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